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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/673,242	09/30/2003	Un Nyoung Sa	054358-5015	5386
9629 7590 06/26/2008 MORGAN LEWIS & BOCKIUS LLP 1111 PENNSYLVANIA AVENUE NW WASHINGTON, DC 20004				
EXAMINER				
NGUYEN, THANH NHAN P				
ART UNIT		PAPER NUMBER		
2871				
MAIL DATE		DELIVERY MODE		
06/26/2008		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

**Application No.**

10/673,242

**Applicant(s)**

SA ET AL.

**Examiner**

THANH-NHAN P. NGUYEN

**Art Unit**

2871

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 21 May 2008.  
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-5, 7, 8 and 10-14 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☒ Claim(s) 1-4 and 12-14 is/are allowed.  
6) ☒ Claim(s) 5, 7, 8, 10 and 11 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☒ The drawing(s) filed on 30 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All b) ☐ Some \* c) ☐ None of:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 12/5/07  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_  
5) ☐ Notice of Informal Patent Application  
6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) The invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 5, 7, 8, 10 and 11 are rejected under 35 U.S.C. 102(b) as being anticipated by Jones et al (US 6,124,907).

Jones et al disclose (fig. 4) a liquid crystal display device, comprising:

Claim 5:

- a transparent insulating substrate (29)
- a black matrix (21) formed on the transparent insulating substrate
- a color filter (23, 25, 27) layer formed on an upper surface of the black matrix
- a polarizing film (65) formed on the color filter layer
- a common electrode (69) formed on the polarizing film
- wherein the polarizing film contacts the color filter

Claim 7:

- wherein the common electrode includes ITO (col. 10, line 36)

Claim 8 is met the discussion regarding claim 5 rejection above.

Claim 10 is met the discussion regarding claim 7 rejection above.

Claim 11:

- wherein forming the color filter layer includes sequentially forming red, green, and blue color filter layers

#### Allowable Subject Matter

Claims 1-4 and 12-14 are allowed since there is no prior art of record that teaches or suggests a liquid crystal display and a method of making thereof comprising a relationship of various elements as claimed with the specific allowable subject matter cited in the following claims:

Claims 1-4:

- a passivation film formed on the transparent insulating substrate including the source and drain electrodes and the data lines
- a polarizing film formed on the passivation film
- a pixel electrode formed on at least the polarizing film, wherein the polarizing film and the pixel electrode extend completely over the data line, and the polarizing film contacts the passivation film

Claims 12-14:

- a polarizing film contacting a pixel electrode for transmitting light vibrating in one direction
- wherein the polarizing film contacts a passivation layer on a thin film transistor substrate

#### Response to Arguments

Applicant's arguments with respect to claims 5, 7, 8, 10 and 11 have been considered but are moot in view of the new ground(s) of rejection.

#### Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to (Nancy) Thanh-Nhan P. Nguyen whose telephone number is 571-272-1673. The examiner can normally be reached on Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on 571-272-1787. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

-- June 21, 2008  
(Nancy) Thanh-Nhan P Nguyen  
Examiner  
Art Unit 2871

/David Nelms/

Supervisory Patent Examiner, Art Unit 2871